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7EE9
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FEDOROVICH G V
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11572-23-760

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FTD IT Special 238-70

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Jul 70

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TD 25

ISENTROPIES OF THE EXPANSION OF EXPLOSION
PRODUCTS OF CONDENSED EXPLOSIVES

ZHERNOKLETOV M V; ZUBAREV V N; TELEGIN G S

UR: ZHURNAL PRIKLADNOY MEKhanIKI I
TEKHNIChESKOY FIZIKI; ISSUE 4, 1969

PGS: 127 - 132

*In process as**HS-23-71-0625**Legat
23 apr 71*

Dependence of Critical Diameter of Liquid
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AEC/LA/Tr-70-8

Sci-Phys
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June 70

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TD 26

THE IMPACT COMPRESSIBILITY OF POLYSTYRENE
HAVING VARYING INITIAL DENSITY

DUDOLADOV I P; RAKITIN V I; SUTULOV YU N

UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNICHESKOY FIZIKI, ISSUE 4, 1969

PGS: 148 - 151

*In process as**HS-23-71-0626**7/23/71
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*FTD HT Special 113-70

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xnavy APL/JHU J-1495 (May 70)

FTD-HS-72-23-1825

Sci-Prop & Fuels
Sep 70

REQ TR CHECK

1-6-26

TI 68

BUILD-UP OF STEADY FLAME PROPAGATION DURING
GAS IGNITION BY A HEATED SURFACE

MERZHANOV A G

UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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Sep 70

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Measurement of Friction in two Phase Flows by
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FTD TT Special 384-70

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REQ TR CHECK

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ESTIMATING THE THERMOELECTRIC EFFECTS IN THE
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KONOVALOV A E

UR: ZHURNAL PRIKLADNOY MEKhanIKI I TEKHNIChESK
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PGS: 138 - 140

*In process as**HS-23-71-1073**negative
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*FTD HT Special 122-70

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Dept of Navy APL/JNU T-2447

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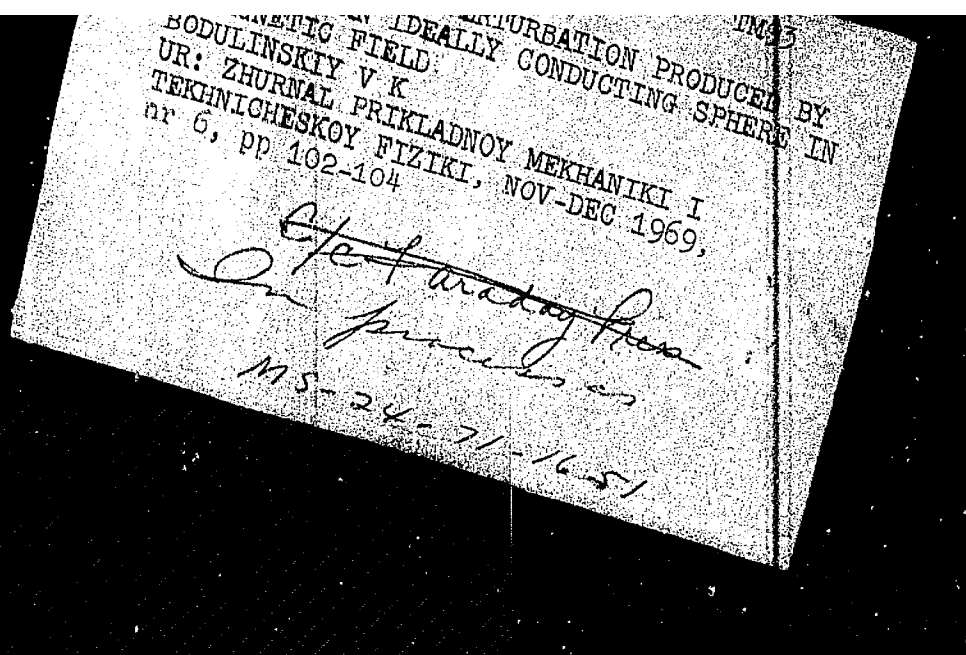
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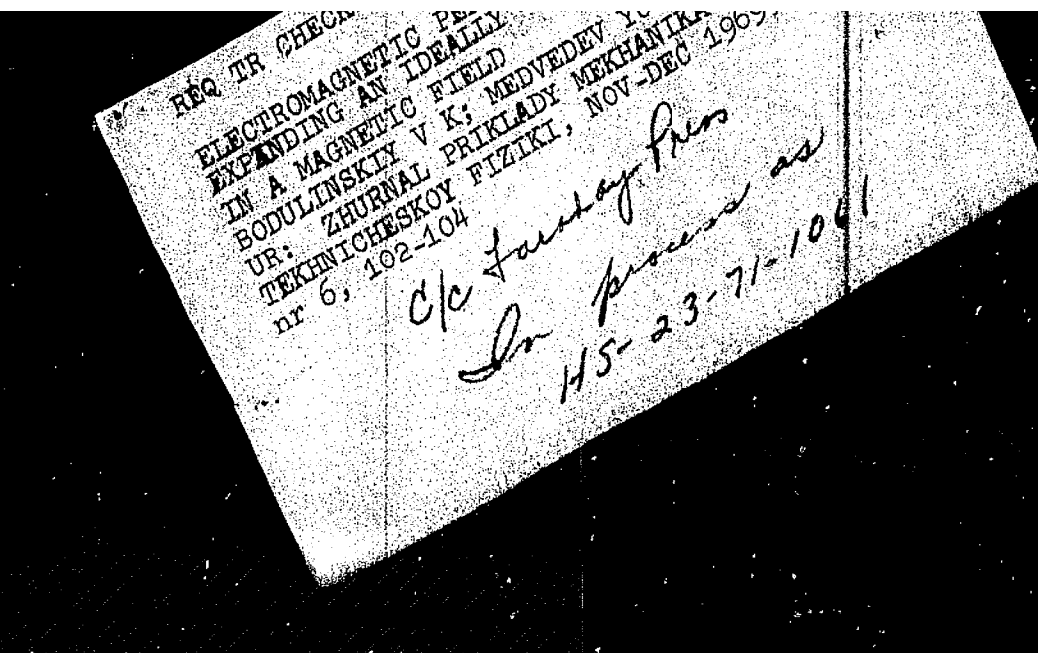
NASA TT F-12,969

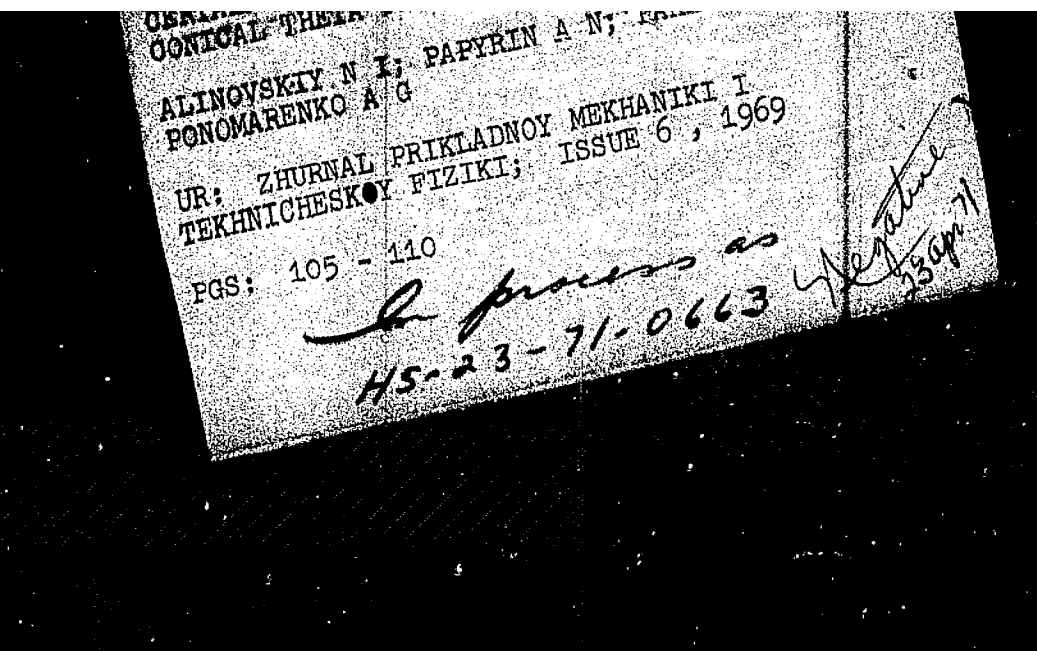
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ENGLISH TITLE UNKNOWN

NIGMATULIN R I

UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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pp 88-95*In process as**HT Special 71-180, men
27 Apr 71*

In process as
HS-23-71-0647 new
27 Apr 71

REQ TR CHECK

5-5-21

1948

SPIN DETONATION NATURE OF THE TANGENTIAL
HIGH FREQUENCY VIBRATIONS IN LIQUID ROCKET

ENGINE COMBUSTION CHAMBERS
AR'KOV O F
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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nr 1, 155-157

In process as

HS-23-71-0802

*4/2/71
2/11/71*

12-7-21

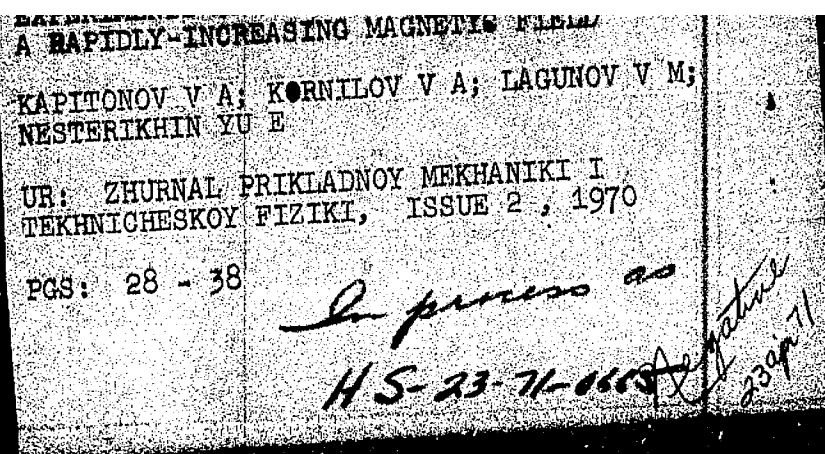
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AMPLIFICATION OF WEAK SHOCK WAVES IN A
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BORISOV A A; GELFAND B YE
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
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C/c Jarodag Ren

On process as

MS-24-71-1652



A. T. Onufriev

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ARM/FSTC/HT-23-1002-71

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REQ TR CHECK

6-12-10

TY51

NONLINEAR STAGES OF HOSE INSTABILITIES

BEREZIN YU A

UR: ZHURNAL PRIKLADNOY MEKHANIKI I

TEKHNICHESKOY FIZIKI, MAY-JUN 1970, nr 3,

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*Process in as**HT 72-23-0845**neg
12/28/71*

OF A PLASMA UNDER THE INFLUENCE OF POWERFUL
PULSES.

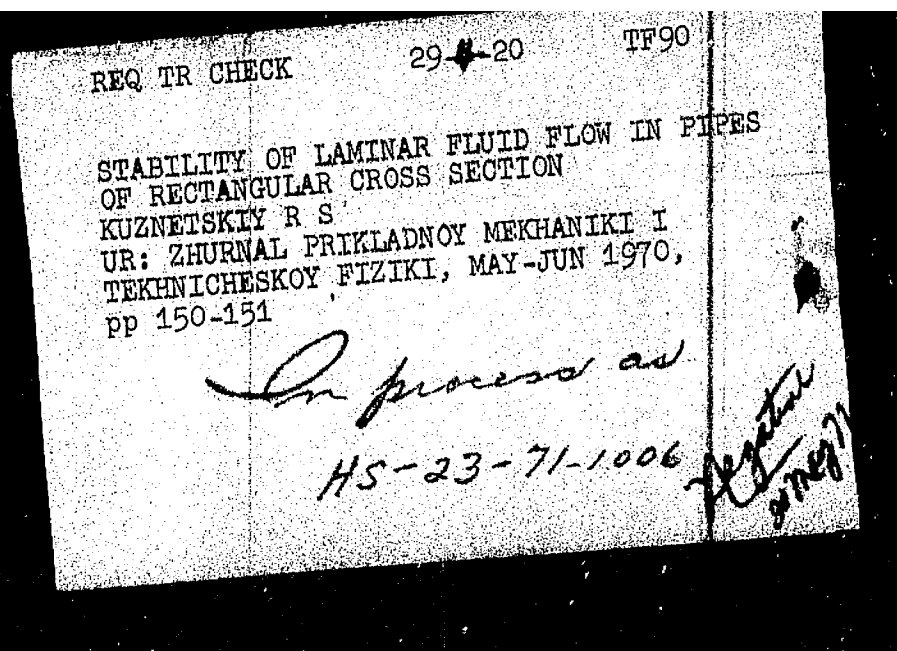
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UR: ZHURNAL PRIKLADNOY MEKhanIKI I
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PGS: 27 - 37

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NTC-71-11835-20H

7TD-HS-23-71-0801

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UNSTEADY CONDUCTING FIELD
TRANSVERSE MAGNETIC FIELD
BERTINOV A I; BUT D A
UR: ZHURNAL PRIKLADNOY MEKHANIKI I
TEKHNICHESKOY FIZIKI JUL-AUG 1970,
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NTC-71-11821-01A

FTD. MS-71-24-1551

Nov 71

DETONATION OF LIQUID HYDRAZOIC ACID AND ITS A
QUEOUS SOLUTIONS

KURBANALINA, K LANGUAGE-RU CCOUNTRY-UR

LH. PRIKLAD. MEKH. I TEKH. FIZ. =4, 1970, AKA
C NAUK-SIBIR. 100-65

FSTC-FT-23-0443-73

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FTD-HS-23-71-1969

Nov 71

REQ TR CHECK

6-03-73

T313

PROPAGATION OF ELECTROMAGNETIC DISTURBANCES
OVER A FLAT SURFACE

IVANOV, V V; CHERNYI, G P

UR: ZHURNAL PRIKLADNOY MEKhanIKI I
TEKHNICHESKOY FIZIKI, NO. 5, SEPT-OCT 1970

pp. 22-30

Proven in an
*HS 73-23-0348**Weg*
28 MAR 73

Deformation of Drops in the Reactive
Zone During Heterogenous Detonation,
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NTC 72-11145-21B

NASA TTF 13579 117p

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Argon Helium Mixture in a Vacuum, by
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NTC 72-10897-20D

May 72

REQ TR CHECK

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T331

THEORY FOR NONSTEADY COMBUSTION OF POWDER
COMBUSTION UNDER HARMONICALLY VARYING
PRESSURE

GOSTINTSEV, YU A; SUKHANOV, L A; POKHIL, P F
UR: ZHURNAL PRIKLADNOY MEKHANIKI I TEKH-
NICHESKOY FIZIKI, NO 5, SEPT-OCT 1971;
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Process in as
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Nea
98 MAR 73

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NTC 72-10899-20D

NASA TTF #13580 97p

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Perturbations in Two-Phase Media with Phase
Transitions, by A.I. Nigmatulin.

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Nasa TT-F-13581 10 pp

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July 71

Two

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Vapor-Liquid Systems, by
I. S. Radovskii.

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NTC 72-10898-20D

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Nasa TT F 13582 15 pp

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NASA TT-F-13583 12pp

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I. M. Rutkevich

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NTC 72-13594-200

NASA TTF 13,540

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ARM/FSTC/HT-23-1060-72

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NASA TT F 13592
NYC 72-10478-200

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15-5-9

TFB3

METHOD OF CALCULATING A RADIATION FLUX
AND ITS DIVERGENCE IN REGIONS WITH A STEP-
WISE TEMPERATURE AND COMPOSITION DISTRI-
BUTION

OVSYANNIKOV, V.M., TIRSKIY, G.A.
UR-ZHURNAL PROKLADNOI MEKHANIKI I TEKH-
NICHESKOI FIZIKI, Mar-Apr 1971, pp 54-62

C/c Permanent Press
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JPR 56849

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Volume 1, pp. 168-173 (Russian). 1971

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Language: Russian

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Title: Amplification of Weak Shock Waves in a Hot Two-Phase Gas-Liquid System.

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June 71

STUDY OF A TURBULENT BOUNDARY LAYER ON SMOOTH
AND ROUGH SURFACES AT ARBITRARY GR

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LANGUAGE=RU

COUNTRY=UR

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FIZIKI NO 3 1971 PP 126-134

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pp 140-144

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R-14270-B
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Title: Study of the interaction between a stress wave
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Author: Sh. G. Volodarskaya, et al.

Source: Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi
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